

CLAIMS

What is claimed is:

1. A hull configuration having a bow and a stern, for use in a single or multiple hull vessel, the hull configuration comprising:
 - a pair of cutting edges, each cutting edge sloping rearwardly, downwardly and in an outwardly lateral direction, from said bow;
 - a pair of generally rounded side edges, each side edge extending longitudinally rearwardly and laterally inwardly from an end of a respective one of said cutting edges and smoothly joining together proximal said stern;
 - a pair of sidewalls, each sidewall extending generally upwardly from a respective one of said cutting edges and from a respective one of said rounded side edges, said sidewalls forming a rounded V-shaped section from the point where the side edges meet, extending rearwardly to the stern; and
 - an underside including a concave channel between said cutting edges and between said generally rounded side edges, said channel decreasing in width towards the stern and terminating at the point at which the side edges meet.
2. The hull configuration according to claim 1, wherein said rounded V-shaped section extends rearwardly and upwardly from a forward end thereof to said stern.
3. The hull configuration according to claim 1, wherein each of said sidewalls spiral rearwardly from a respective one of said cutting edges and along a respective one of said side edges.
4. The hull configuration according to claim 3, wherein each of said sidewalls extend inwardly and upwardly proximal the bow, substantially vertically at a midpoint between the bow and the stern and outwardly and upwardly at the stern.
5. The hull configuration according to claim 1, wherein said cutting edges narrow to form gradually sharper edges from said bow toward s a rear of said cutting edges.
6. The hull configuration according to claim 1, further comprising a pair of foils extending

from portions of the side edges proximal the bow.

7. The hull configuration according to claim 6, further comprising a keel extending from one of said foils.

8. The hull configuration according to claim 7, further comprising a second keel extending from the other of said foils.

9. The hull configuration according to claim 1, further comprising a stern foil extending from the stern of the hull.